

Title (en)
SYNCHRONIZATION TO A BASE STATION AND CODE ACQUISITION WITHIN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM

Title (de)
BASISSTATIONSSYNCHRONISIERUNG UND KODEERFASSUNG IN EINEM SPREIZSPEKTRUMNACHRICHTENÜBERTRAGUNGSSYSTEM

Title (fr)
SYNCHRONISATION PAR RAPPORT A UNE STATION DE BASE ET ACQUISITION DE CODE DANS UN SYSTEME DE TELECOMMUNICATIONS A SPECTRE ETALE

Publication
EP 1010256 B1 20031022 (EN)

Application
EP 98940765 A 19980828

Priority

- SE 9801537 W 19980828
- US 92113597 A 19970829

Abstract (en)
[origin: WO9912273A1] Each transmission frame within a spread spectrum communications system relating to synchronization code transmission is divided into a plurality of slots. Each of the slots includes a primary (pilot) code <o>c</o>p and a secondary (combined) code <o>c</o>s/lci that includes information identifying or indicative of both a frame timing and a scrambling code for synchronization. This information concerning frame timing and scrambling code may be encoded in the combined code <o>c</o>s/lci itself, as well as in the modulation values of the sequences of plural combined codes within a frame. Alternatively, the information is encoded in the sequence of plural combined codes <o>c</o>s/lci transmitted in each frame, as well as in the modulated values of the sequences of plural combined codes within a frame. As yet another alternative, the information is encoded in the timing of the combined code <o>c</o>s/lci transmission within each slot of the frame relative to its associated primary code <o>c</o>p.

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H04B 1/707

IPC 8 full level
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